

Air Ionizer Verification Record

Ionizer Verification Sequence Number: 08-091

WORKING STANDARD USED						
Asset/ISO #:	Manufacturer:	Model:	Serial No.	Calibration Date:	Calibration Due:	Calibration By:
25171	ION	775	6779	8/8/07	8/8/08	JPL

AIR IONIZER INFORMATION						
Asset/ISO #:	Manufacturer:	Model:	Serial No.	Verification Date:	Verification Due:	Verification By:
28301	SINCO	Aerostat PC	33674528T	7-15-08	1-11-09	JPL 36
Inspector:	Location:	Owner:	Fail: Y/N ?	Cleaned: Y/N ?	Adjusted: Y/N ?	Prior Sequence#
Minh Do	317/211	Kirk O.	N	N	N	08-055

VERIFICATION DATA					
HBM Sensitivity Level: <u>50</u> ✓ (from Table 1)					
Fan controller setting: <u>High</u> (High, Low, NA)					
Distance of ionizer from the charge plate: <u>30</u>					
Ionizer Float Potential Tolerance \pm <u>50</u> Vdc. (from Table 1)					
Measured Float Potential values recorded below.					
1	2	3	4	5	Comments:
-20 Vdc.	-20 Vdc.	-20 Vdc.	-20 Vdc.	-30 Vdc.	
Ionizer Discharge Voltage Range: \pm 1000 Vdc to $< \pm$ <u>50</u> Vdc (from Table 1)					
Ionizer Discharge Time Tolerance: <u>520</u> seconds. (from Table 1)					
Measured Discharge Time in second(s) and recorded values below.					
1 (+1000 to +Vdc)	2 (+1000 to +Vdc)	3 (+1000 to +Vdc)	4 (+1000 to +Vdc)	5 (+1000 to +Vdc)	Comments:
5 sec	4 sec	4 sec	4 sec	4 sec	
1 (-1000 to -Vdc)	2 (-1000 to -Vdc)	3 (-1000 to -Vdc)	4 (-1000 to -Vdc)	5 (-1000 to -Vdc)	Comments:
6 sec	8 sec	6 sec	7 sec	6 sec	

Record any corrective action required to restored ionizer operation (cleaning, adjustment, replacement, etc.)

If Ionizer was replaced, indicate below the identification of replacement.

Asset/ISO #: _____ Manufacturer: _____ Model: _____ Serial No.: _____

Sequence number for verification of replacement Ionizer: _____

Record inspection schedule and rational for that schedule.